## **ALTITUDE CONTROL VALVE**

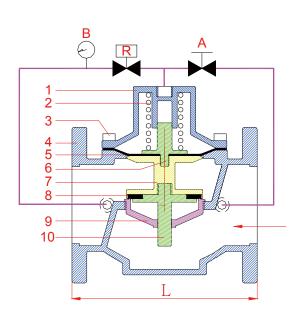


- \* The Altitude valve maintains the maximum high water level with consistent repeat.
- \* The Altitude valve shall close tightly on high level set point and remain closed.
- \* Materials of valve body: Cast Iron, Ductile Iron, Bronze & Stainless Steel
- \* Specification: JIS, ANSI, ISO/DIN/BS4504.

Test Pressure				
Ductile Iron	Bronze	Stainless Steel		
25bar	21bar	35bar		

Working Pressure				
Ductile Iron	Bronze	Stainless Steel		
16bar	12bar	22bar		

NO	Item Name	Materials		
1	Cover	Cast Iron	Bronze	Stainless steel
2	Spring	Stainless Steel	Stainless steel	Stainless steel
3	Fixed Bolt	Stainless Steel	Stainless steel	Stainless steel
4	Main Body	Cast Iron	Bronze	Stainless steel
5	Diaghragm	NBR	NBR	VITON
6	Diaghragm Fixed Bar	Bronze	Bronze	Stainless steel
7	Shaft	Cast Iron	Bronze	Stainless steel
8	Sealing Spacer	NBR	NBR	VITON
9	Seat	Bronze	Bronze	Stainless steel
10	Center Shaft	Bronze	Bronze	Stainless steel
R	Altitude Pilot Valve	Stainless steel	Stainless steel	Stainless steel
A	Needle Valve	Bronze	Bronze	Stainless steel
В	Altitude Gauge			



## 1. Applied conditions: Fluid

2. Applied temperature:  $-15^{\circ} \sim 80^{\circ}$ C

3. Connection ends: Available for all international standards

► Water level:  $2 \sim 15 \text{ m}$  $10 \sim 40 \text{ m}$ 

\* Please remove impurities or metal dusts inside the pipe thoroughly.

If possible, please add filter to prevent pipe blocking.

\* Adjustment data:

Altitude pilot valve #R:

Turn adjusting screw clockwise to increase reservoir water level.

## Flange End

Item No	Size	L
RAF-50	2"	190
RAF-65	2.5"	210
RAF-80	3"	225
RAF-100	4"	250
RAF-125	5"	280
RAF-150	6"	310
RAF-200	8"	420
RAF-250	10"	530
RAF-300	12"	650